ENVIROFALK

Envi GreenPURE
S 120-500

REVERSE OSMOSIS

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The compact Envi GreenPURE S reverse osmosis systems are spacesaving, ideal for applications with limited space and a focus on optimising usable space. High-performance membranes efficiently remove ions, TOC and germs from softened water in a wide performance range from 120 to 500 litres of permeate per hour.

- **High efficiency:** With energy-saving and high-performance reverse osmosis membranes, a high yield of water with a high salt retention rate.
- **Simple integration and operability:** The ready-to-connect systems save time when integrating them into existing systems. The 4.3“ display enables simple operation and clear status monitoring.
- **High-quality components:** Materials such as PP and stainless steel pipework extend the service life for a reliable long-term supply of pure water.

Envi GreenPURE	S 120	S 200	S 400	S 500
Permeate output (l/h)	120	200	400	500
Desalination rate (%)	> 97	> 97	> 97	> 97
Efficiency/yield (%)	bis zu 80	bis zu 80	bis zu 80	bis zu 80
Pre-filter	12" activated carbon filter	12" activated carbon filter	12" activated carbon filter	12" activated carbon filter
Dimensions (width x depth x height in mm)	600 x 500 x 1800	600 x 500 x 1800	600 x 500 x 1800	600 x 500 x 1800
Feed water quality	softened municipal water	softened municipal water	softened municipal water	softened municipal water
Connection (feed water/permeate/concentrate)	DN 20/DN 15/DN 15	DN 20/DN 15/DN 15	DN 20/DN 15/DN 15	DN 20/DN 15/DN 15
Feed water pressure (bar)	2 - 4	2 - 4	2 - 4	2 - 4
Maximum operating temperature (°C)	5 - 35	5 - 35	5 - 35	5 - 35
Ambient temperature (°C)	5 - 40	5 - 40	5 - 40	5 - 40
Electrical connection (V/Hz)	230/50	230/50	230/50	230/50
Power consumption (kW)	0,55	0,55	0,55	0,55
Article no.	**320062**	**320063**	**320064**	**320065**

Using water intelligently

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Options, spare parts and consumables

Options & accessories	S 120	S 200	S 400	S 500
Concentrate flush valve For the prevention of germs during longer system downtimes	910229	910229	910229	910229
Permeate recirculation to ensure the water quality before feeding into downstream systems	910244	910244	910244	910244

Spare parts & consumables	S 120	S 200	S 400	S 500
12“ Filter cartridge 10 µm with activated carbon	455171	455171	455171	455171
Membrane element	410177	729795	728429	410016

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